In [1]:

```
from bs4 import BeautifulSoup
import requests
import pandas as pd
```

In [2]:

```
url = "https://www.pdfdrive.com/search?q=Data+Science+&pagecount=&pubyear=&searchin=&em="

headers = {"user-agent": "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (K
HTML, like Gecko) Chrome/98.0.4758.82 Safari/537.36"}
```

In [3]:

```
page = requests.get(url, headers=headers)
print(page)
```

```
<Response [200]>
```

In [4]:

```
soup = BeautifulSoup(page.content, "html.parser")
# print(soup)
```

In [5]:

```
books = soup.findAll('div',{'class':"file-right"})
# print(books)
```

In [6]:

```
book_name=[]
pages=[]
publish_year=[]
book_size_in_mb=[]
downloads=[]
book_link=[]
```

In [7]:

```
for book in books:
    name = book.h2.text
    book_name.append(name)

    page = book.find('span',{'class':'fi-pagecount'}).text
    pages.append(page)

    year = book.find('span',{'class':'fi-year'}).text
    publish_year.append(year)

    size = book.find('span',{'class':'fi-size hidemobile'}).text
    book_size_in_mb.append(size)

    download = book.find('span',{'class':'fi-hit'}).text
    downloads.append(download)

    link = book.a.get('href')
    book_link.append('https://www.pdfdrive.com/'+ link)
```

In [8]:

```
Book_list = pd.DataFrame({"Book Name": book_name, "Number of Pages":pages, "Year of Rele
ase":publish_year,"Book Size_MB":book_size_in_mb, "# of Downloads": downloads, "Book Link
" : book_link})
```

In [9]:

```
Book_list
```

Out[9]:

	Book Name	Number of Pages	Year of Release	Book Size_MB	# of Downloads	Book Link
0	Beginning Data Science in R: Data Analysis, Vi...	369 Pages	2017	6.46 MB	74,330 Downloads	https://www.pdfdrive.com//beginning-data-scien...
1	Data Visualization and Exploration with R A Pr...	238 Pages	2018	20.77 MB	63,641 Downloads	https://www.pdfdrive.com//data-visualization-a...
2	Data Science for Business: What you need to kn...	409 Pages	2013	18.74 MB	63,535 Downloads	https://www.pdfdrive.com//data-science-for-bus...
3	Python Data Analytics: Data Analysis and Scien...	350 Pages	2015	12.05 MB	98,483 Downloads	https://www.pdfdrive.com//python-data-analytic...
4	Data Science & Big Data Analytics	420 Pages	2015	50.31 MB	73,057 Downloads	https://www.pdfdrive.com//data-science-big-dat...
5	AI in Marketing, Sales and Service: How Market...	280 Pages	2018	8.1 MB	59,260 Downloads	https://www.pdfdrive.com//ai-in-marketing-sale...
6	Data Science and Big Data Analytics	435 Pages	2014	40.27 MB	44,995 Downloads	https://www.pdfdrive.com//data-science-and-big...
7	An Introduction to Data: Everything You Need t...	131 Pages	2019	2.62 MB	21,899 Downloads	https://www.pdfdrive.com//an-introduction-to-d...
8	Data Analytics: Practical Guide to Leveraging ...	279 Pages	2017	961 KB	10,821 Downloads	https://www.pdfdrive.com//data-analytics-pract...
9	The Enterprise Big Data Lake: Delivering the P...	218 Pages	2019	10.52 MB	13,390 Downloads	https://www.pdfdrive.com//the-enterprise-big-d...
10	Big Data Demystified: How to use big data, dat...	196 Pages	2008	2.21 MB	12,785 Downloads	https://www.pdfdrive.com//big-data-demystified...
11	Data Science Design MANUAL Data Science Design	456 Pages	2017	20.38 MB	7,356 Downloads	https://www.pdfdrive.com//data-science-design-...
12	Data Science from Scratch	330 Pages	2015	5.93 MB	63,366 Downloads	https://www.pdfdrive.com//data-science-from-sc...
13	Think Like a Data Scientist. Tackle the data s...	331 Pages	2017	5.21 MB	16,249 Downloads	https://www.pdfdrive.com//think-like-a-data-sc...
14	Data Science Starter Program Introduction to D...	108 Pages	2015	33.62 MB	6,398 Downloads	https://www.pdfdrive.com//data-science-starter...
15	Introducing Data Science: Big Data, Machine Le...	322 Pages	2016	14.59 MB	14,095 Downloads	https://www.pdfdrive.com//introducing-data-sci...
16	Big Data MBA: Driving Business Strategies with...	372 Pages	2015	8.76 MB	13,887 Downloads	https://www.pdfdrive.com//big-data-mba-driving...
17	R for Data Science: Learn and explore the fund...	364 Pages	2014	3.69 MB	5,473 Downloads	https://www.pdfdrive.com//r-for-data-science-l...
18	Python for Data Analysis: Data Wrangling with ...	541 Pages	2017	12.52 MB	75,205 Downloads	https://www.pdfdrive.com//python-for-data-anal...

In [10]:

```
Book_list.to_csv("Data_Science_Book_List.csv")
```

In [11]:

```
df = pd.read_csv('Data_Science_Book_List.csv')
df.shape
```

Out[11]:

```
(19, 7)
```

In [ ]:

```

```